

LAVSKIY, G.K., prof.; KORNOPELEVA, Ye.N.; POPOVA, A.A. [deceased];
KOLPASHCHIKOVA, L.P.

Electric anesthesia in treating hypertension. Terap.arkh. 31 no.4:
62-70 Ap '59. (MIRA 14:5)

1. Iz bol'nitsy 4-go Glavnogo upravleniya Ministerstva zdravookh-
raneniya SSSR, Moskva.
(ELECTRIC ANESTHESIA) (HYPERTENSION)

AM4024712

BOOK EXPLOITATION

s/

Kornoukhov, Nikolay Vasil'yevich, Member of the Academy of Sciences of the U.R.S.R., Government Prize Winner, Honored Scientist and Technologist of the U.R.S.R.

Selected works on structural mechanics (Izbrannye trudy* po stroy-tel'noy mekhanike) Kiev, Izd-vo AN USSR, 63. 0321 p. illus., biblio., port., tables. 1,700 copies printed. (At head of title: Akademiya nauk Ukrainskoy SSR. Institut mekhaniki)

TOPIC TAGS: structural design, structural members, truss, bar, truss strength, truss stability, bar strength, bar stability structural framing

PURPOSE AND COVERAGE: The book is devoted to methods of statistical calculation of truss structures, covering both strength problems and problems of general stability. It develops a theory for the design of stress compression-flexure elastic system and primarily frames,

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along with exact and approximate methods of static design of truss constructions, with a possibility of estimating the degree of error. The book is designed for scientific workers, graduate students, and design engineers.

TABLE OF CONTENTS [abridged]:

Brief biographic outline - -	5
Strength and stability of truss systems (chapters from a book) - -	7
Interpolation-iteration method of solving differential equations for strength and stability of non-prismatic bars - -	219
Simplified calculation of deformability and general stability of steel frames of tall buildings - -	231
Calculation of complicated trusses by the displacement method with allowance for shear deformation and width of the bars - -	248
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Check of stability of compressed-bent bars beyond the elastic
limit -- 259

List of works by N. V. Kornoukhov -- 294

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SUB CODE: AP

SUBMITTED: 31Oct63

NR REF Sov: 063

OTHER: 001

DATE ACQ: 05Mar64

Card 3/3

KORNOUKHOV, P. V.

USSR/Physics - Photoresistances

Mar/Apr 52

"Photoresistances in Sound Cinema," P.V. Kornoukhov

"Iz Ak Nauk, Ser Fiz" Vol XVI, No 2, p 230

Abbreviated text of report. Nonlinear distortions of signals occur during reproduction of phonograms, due to fanlike scattering of volt-amp characteristics. Further research is desirable in order to improve the sensitivity of photoresistances in the visible spectrum and to lower the dependence of output on frequency and temp.

220T100

USSR/Electronics - Nonlinear distortion

FD-1300

Card 1/1 : Pub. 153 - 4/24

Author : Kornoukhov, P. V.

Title : Nonlinear distortions introduced by linear photoresistance

Periodical : Zhur. tekhn. fiz., 24, No. 6, 993-996, Jun 1954

Abstract : Notes that nonlinear distortions in the signal occur unavoidably when photographic phonograms (sound tracks) are reproduced by a photoresistor load, even in the case of strictly linear static luxampere characteristic of the photoresistor. Obtains an exact expression for the dependence of the active voltage of the first harmonic on the coefficient of nonlinear distortion. Gives some interesting conclusions from this equation.

Institution : -

Submitted : December 31, 1953

KORNOUKHOV, Pavel Vasili'yevich, kand. tekhn. nauk; PORITSKIY,
..., kand. tekhn. nauk, retdsenzant;

[Compensating networks of audio frequency amplifiers]
Korrektiruiushchie tsyeli usiliteli zvukovoi chastoty.
Kiev, Tekhnika, 1965. 262 p. (MIRA 18:11)

L 41132-65 EWT(m)/EPF/EWP(j) PC-4/P-4 RM
ACCESSION NR: AP4044549

S/0073/64/030/008/0853/0859

20
B

AUTHOR: Smirnova-Zamkova, S. Ye.; Kornov, K. A.; Burmakov, A. I.
Shamis, Ye. M.

TITLE: Polyamides with aromatic and heterocyclic chains. X. Effect of C-methylation on the properties of aliphatic-aromatic polyamides

15

SOURCE: Ukrainskiy khimicheskiy zhurnal, v. 30, no. 8, 1964, 856-859

TOPIC TAGS: biphenylmethane, amino benzene, methylation, polyamide

ABSTRACT: Physical and chemical data are presented on the synthesis and characteristics of polyamides prepared from mixed aliphatic-aromatic diamines

methyl groups are in the aliphatic side chains. These polyamides are stable because of their high stability and low hygroscopicity. The diamines used as C-methylated amides were 4-(*p*-aminobiphenyl)-methane, (*p*-aminoethyl)-biphenyl-methane and 4-(*p*-aminomethyl)-biphenyl. They synthesized from diacetyl derivatives of corresponding hydrocarbons. They were purified by vacuum distillation. In the production of polyamides,

L 41132-65

IRON NR AP4044549

were used in the form of chloride salts. After drying, passing a stream of nitrogen through an alcoholic solution of diamine, they were easily crystallized. Chloroanhydrides of dicarboxylic acids were obtained by reaction of the acid chloride in the presence of dimethylformamide. Polyamides were synthesized by interface polycondensation at the water-organic solvent boundary. It was found that the polyamides produced from chloroanhydrides are much more thermally stable than the analogous polyamides without chlorine groups. The introduction of chlorine atoms into the polyamide chain leads to lowering of the melting point for the corresponding acid polyamides and increase of the melting point for corresponding alkanides. Orig. art. has 2 tables.

(V.I.N. Institut khimii vysokomolekulyarnykh soedinenii. Akad. UkrSSR
(Central Institute of Macromolecular Compounds, Academy of Sciences UkrSSR)

TEED: 21Jun63

RNCL, 66

SUB CODE: GC

NO REF SOV: 006

OTHER: 001

Case 2/3a

KORNOV, P. G.

Joints-tuberculosis

"Osteoarticular tuberculosis; pathology, diagnosis and therapy." Reviewed by Prof. N. N. Petrov. Khirurgiia No. 2, 1952.

Monthly List of Russian Accessions, Library of Congress, August 1952. UNCLASSIFIED.

GROSSMAN, V.; DYNTAROVA, H.; SLAHO, J.; KORNOVA, J.

Changes in the effect of adrenalin and noradrenalin on the blood pressure of irradiated animals. Cas. lek. cesk. 102 no.7:169-172 15 F '63.

1. Farmakologicky ustav lekarske fakulty KU v Hradci Kralove, prednosta prof. dr. V. Grossmann.
(EPINEPHRINE) (NOREPINEPHRINE) (PHARMACOLOGY)
(RADIATION EFFECTS) (BLOOD PRESSURE) (MICE) (RATS)

KORNWICZ, W.
MORZYCKI, J.; KAWICKI, Z.; KORNOWICZ, W.

Experimental investigation on epidemiological role of green vegetables
in poliomyelitis. Bull. State Inst. Marine Trop. M. Gdansk 4 no. 2:131-
134 1952.
(CLML 22:5)

1. Of the State Institute of Marine and Tropical Medicine in Gdansk.

~~KORNIEWICZ, W.~~
~~MORZYCKI, J.; KAWECKI, Z.; KORNIEWICZ, W.~~

Experimental studies on the epidemiological role of green vegetables in poliomyelitis. Med. dosw. mikrob., Warsz. 4 no. 3:
402 1952. (CLML 23:3)

1. Summary of work progress presented at 11th Congress of Polish
Microbiologists held in Krakow May 1951. 2. Gdansk.

KORNBLITZ, W.
(1379)

In view of the presence of poliomyelitis virus in human faeces, the possibility of spreading the infection by contaminated vegetables was investigated. In the present experiments a 12-14 days old bean plant was cultivated in special glass containers with liquid media to which suspensions of the Lansing strain of polio virus were added. It was found that the virus will penetrate the plant tissues through undamaged roots, where it remains virulent for at least 4 days. The same is true for bacteriophilic viruses (bacteriophage) which invade the plant tissue and remain virulent for at least 14 days.

So: EXCERPTA MEDICA VOLUME 6 Number 4 Section VIII April 1953

Experimental study of the epidemiological role of green vegetables in poliomyelitis.
Bull. Inst. Hyg. Mikrobiol. Gdansk 1952, 4/2 (131-134)

L 06089-67 EWT (Q) EW1111//EW1111//EW1111//
ACC NR: AP6023552 (N) SOURCE CODE: UR/0318/66/000/006/0035/0038
JD/HW/WB/RM/JH 43

AUTHOR: Kornus, V. M.; Poyezd, D. F.; Basmanov, I. P.; Eppel', S. A.

ORG: none 42

TITLE: Experiments in the application of corrosion resistant and wear resistant materials in the production of catalysts B

SOURCE: Neftepererabotka i neftekhimiya, no. 6, 1966, 35-38

TOPIC TAGS: corrosion resistance, wear resistance, industrial catalyst

ABSTRACT: The article consists of a review of the advantages and disadvantages of various construction materials in the fabrication of equipment for the production of catalysts. Vinyl plastic tubes and valve fittings: these are recommended for nitric acid in concentrations up to 55-60% and a temperature up to 40°. Heat resistant glass: recommended for such acids as hydrochloric and nitric at any given concentrations and temperatures to 100°. Ferrosilicides: recommended for pneumatic transport tubing used in the transport of dry materials where good wear resistance is needed. Rubber lined tubes and fittings: recommended for aggressive media such as aluminum sulfate, sulfuric acid, ammonia solutions, and caustic soda. Aluminum tubes: recommended for normal operation with such media as aqueous solutions of different neutral salts, and for suspensions. Alloy steel Type 1Kh18N9T: for general use in all media except

UDC: 665.652.87.097.3.002.2:678.06+669.14.018.8J

Card 1/2

ACC NR: AP6023552

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824720020
solutions of hydrofluoric, hydrochloric, and dilute sulfuric acid. ~~Procain fittings~~ for all media except hydrofluoric acid, at working temperatures not greater than 100-120°. The article concludes with a discussion of special coatings, such as acid resistant brick, enameled coatings, rubber linings, perchlorovinyl lacquers, and diabasic tiles. Orig. art. has: 3 figures.

SUB CODE: 07. 11. 20/ SUBM DATE: none

Card 2/2 JS

PILYUGIN, G.T.; CHERNYUK, I.N.; KORNUTA, P.P.

Synthetic dyes. Part 31: Styryl dyes from N-arylquinaldinium salts. Zhur. ob. khim. 32 no. 7 2205-2207 Jl '62. (MIRA 15:7)

1. Chernovitskiy gosudarstvennyy universitet.
(Dyes and dyeing) (Quinaldinium compounds)

L 04849-67 EWP(j)/EWT(m) RM/JW

ACC NR: AP7000242

SOURCE CODE: UR/0079/66/036/004/0730/0735

AUTHOR: Shevchenko, V. I.; Kornuta, P. P.; Bodnarchuk, N. D.; Kirsanov, A. V.

ORG: Institute of Organic Chemistry, AN UkrSSR (Institut organicheskoy khimii
AN UkrSSR)25
B**"Phosphorylation of Malonodinitrile by Phosphorus Pentachloride"**

Moscow, Zhurnal Obshchey Khimii, Vol 36, No 4, 1966, pp 730-735

Abstract: Malonodinitrile and phosphorus pentachloride, regardless of the quantitative ratio, react at 80° and above to form acyclic trichlorophosphazo-1-chloro-, and 1,2-dichloro-2-cyano-vinyls. At 20-25°, they yield cyclic 1,1,3,5-tetrachloro-, and 1,1,3,4,5-pentachloro-1,2,6-phosphadiazines, isomeric to the acyclic phosphazo-compounds. The latter are readily converted to cyclic isomers under the action of hydrogen chloride at 20-25°. The structures of the reaction products were confirmed by infrared spectra. The trichlorophosphazocyanovinyls are viscous light yellow liquids, which are readily hydrolyzed by atmospheric moisture, react vigorously with water, alcohols, and amines, undergo acidolysis, and exhibit typical properties of unsaturated compounds, such as the addition of chlorine and bromine. The phosphadiazines are colorless crystalline substances, which are slowly hydrolyzed by atmospheric moisture and react readily with water, alcohols, and organic acids.

Card 1/2 UDC: 547.461.3

0923 0782

L 04849-67

ACC NR: AP7000242

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824720020
orig ref. has: 1 figure. [JPS: 37,177]

TOPIC TAGS: phosphorylation, phosphorus chloride, organic nitrile compound

SUB CODE: 07 / SUBM DATE: 19 Mar 65 / ORIG REF: 006 / OTH REF: 002

Card 2/2

ACC NR: AP6016695

SOURCE CODE: UR/0079/65/035/009/1598/1602

AUTHOR: Shevchenko, V. I.; Kornuta, P. P.; Kirsanov, A. V.

ORG: Institute of Organic Chemistry, AN UkrSSR (Institut organicheskoy khimii
AN UkrSSR)

TITLE: Phosphorylation of 1-cyanocarboxylic acids

SOURCE: Zhurnal obshchey khimii, v. 35, no. 9, 1965, 1598-1602

TOPIC TAGS: phosphorylation, phosphorus chloride, organic nitrile compound,
chlorination, IR spectrum, chloride, organic azo compound

ABSTRACT: The reaction of phosphorus pentachloride with 1-cyanocarboxylic acids of the AlkCH(CN)COOH type was studied in an effort to expand the limits of application of the phosphorylation of nitriles. The direction of the reaction and yield of the final products depend on the quantitative ratio of the reagents and on the volume of the alkyl radical; the reaction direction is dependent to a lesser degree on the temperature. At a 1:1 molar ratio of 1-cyanocarboxylic acid and phosphorus pentachloride, the acid chloride is formed readily and rapidly. The acid chlorides formed react with phosphorus pentachloride as typical secondary nitriles, forming a mixture of phosphorylation products and the chlorides of 1-chloro-1-cyanocarboxylic acids. At a 1:2 molar ratio of the 1-cyanocarboxylic acid and

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UDC: 546.185+547.468

ACC NR: AP6016695

phosphorus pentachloride, the phosphorylation products obtained are tri-chlorophosphazo-1-chloro-2-chlorocarboxy-2-alkylvinyls, while at a 1:3 ratio, the phosphorylation products are trichlorophosphazo-1,1,2-trichloro-2-chloro-carboxyalkyls. As the molecular weight of the alkyl radical is increased, the yield of the phosphorylation products is sharply reduced, while the yield of the chlorination products increases (from 15% for 1-cyanopropionic acid to 62% for 1-cyanoisovaleric acid). The introduction of halogen atoms into the methyl group of isobutyronitrile sharply increases the yield of phosphorylation products, from 40% for isobutyronitrile to 80% for 2-chloroisobutyronitrile. The chlorocarboxy group exerts the same influence as the chloromethyl group. Trichlorophosphazo-1-chloro-2-chlorocarboxy-2-methylvinyl was the only unsaturated phosphazo compound isolated in the individual state; the other unsaturated phosphazo compounds were converted without isolation to trichlorophosphazo-1,1,2-trichloro-2-chlorocarboxyalkyls by the action of phosphorus pentachloride. Trichlorophosphazo-1,1,2-trichloro-2-chlorocarboxyalkyls react with acetic acid, forming dichlorides of N-dichlorophosphonylmonoiminoalkyl-chloromalonic acids. The infrared spectra of the reaction products are discussed. Orig. art. has: 3 tables. [JFRS]

SUB CODE: 07 / SUBM DATE: 15Aug64 / ORIG REF: 006

Card 2/2 ✓

ACC NR: AP6031384

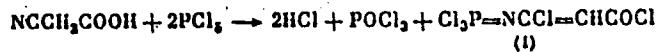
SOURCE CODE: UR/0079/66/036/009/1642/1644

AUTHOR: Shevchenko, V. I.; Kornuta, P. P.

ORG: Institute of Organic Chemistry, Academy of Sciences, UkrSSR (Institut organicheskoy khimii Akademii nauk UkrSSR)

TITLE: Phosphorylation of cyanoacetic acid

SOURCE: Zhurnal obshchey khimii, v. 36, no. 9, 1966, 1642-1644

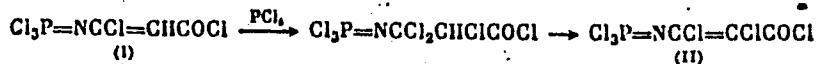
TOPIC TAGS: cyanoacetic acid, phosphorylation, phosphorus pentachloride, ^{CYANOACETIC} COMPOUNDABSTRACT: The reaction of cyanoacetic acid with PCl_5 (molar ratio 1:2) in benzene at 20-25°C yielded I, bp 102-105°C, n_D^{20} 1.5896:

At temperatures above 80-85°C, I reacts with PCl_5 to form II, bp 92-93°C, n_D^{20} 1.5711:

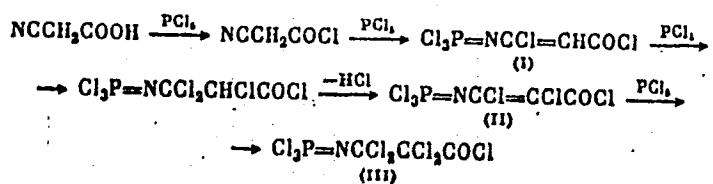
Card 1/3

UDC: 547.239.2

ACC NR: AP6031384



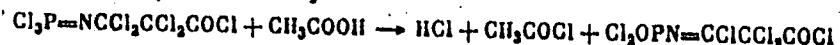
Compound III (bp 88-91°C, n_D^{20} 1.5611) may be obtained by the reaction of I or II with elemental Cl or with PCl_5 or by boiling for 14-15 hr a mixture consisting of 0.1 mole cyanoacetic acetic and 0.45 mole PCl_5 . Thus the course of phosphorylation of cyanoacetic acid depends on the conditions:



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ACC NR: AP6031384

III in benzene solution reacts with glacial acetic acid to form
IV, bp 78-80°C, n_D^{20} 1.5339, d_4^{20} 1.7555: [WA-50; CBE No. 12]



SUB CODE: 07/ SUBM DATE: 02Jul65/ ORIG REF: 005/

Card 3/3

L 27767-66 -EWP(j)/EWT(m)/ETC(m)-6/T IJP(c) RA/MM

ACC NR: AF6018498

SOURCE CODE: UR/0079/65/035/011/1970/1973

AUTHOR: Shevchenko, V. I.; Kornuta, P. P.; Kirsanov, A. V.

ORG: Institute of Organic Chemistry, AN UkrSSR (Institut organicheskoy khimii AN UkrSSR)

TITLE: Phosphorylation of secondary nitriles

SOURCE: Zhurnal obshchey khimii, v. 35, no. 11, 1965, 1970-1973

TOPIC TAGS: phosphorylation, organic nitrile compound, phosphorus chloride, phosphoric acid, amine

45

8

ABSTRACT: Isobutyronitrile was used as a model for a detailed study of the reaction of secondary nitriles with phosphorus pentachloride. Secondary nitriles of the $\text{CH}_3(\text{Alk})\text{CHCN}$ type react with phosphorus pentachloride at 20° to form a mixture of 1-chloronitriles and phosphorylation products. The reaction does not take place at $0-5^\circ$. In the presence of excess nitrile, only 1-chloroisobutyronitrile and trichlorophosphazo-1-chloro-2,2-dimethylvinyl are formed; in the presence of excess phosphorus pentachloride, only 1-chloroisobutyronitrile and trichlorophosphazo-1,1,2-trichloro-2-methylvinyl are formed. If the reaction is conducted at 70° or above, only 1-chloroisobutyronitrile is formed. Trichlorophosphazo-1,1,2-trichloroalkyls of the $\text{CH}_3(\text{Alk})\text{CCl}_2\text{N}=\text{PCl}_3$ type are colorless crystalline or liquid substances, readily soluble in most organic solvents; they are readily decomposed by atmospheric moisture and react vigorously with amines, alcohols, are hydrolyzed by water at 20° with the formation of 1-chloronitriles and phosphoric acid, and decompose at $150-200^\circ$ into phosphorus pentachloride and 1-chloronitriles. The thermal stability of phosphazo-compounds of this type decreases in the series of Alk: $\text{CH}_3 > \text{CH}_2\text{Cl} > \text{CH}_2\text{Cl} > \text{C}_2\text{H}_5$. Orig. art. has: 1 figure and 1 formula. [JPMS]

SUB CODE: 07 / SUBM DATE: 03Aug64 / ORIG REF: 005 / OTH REF: 003

Cord 1/1 cc UBC: 547.491

GANESHIN, G.S.; KORNUTOVA, Ya.I.; KRASNOV, I.I.; CHEMEKOV, Yu.F.;
EPSHTEYN, S.V.; YAKOVLEVA, S.V.

Map of Quaternary sediments of the U.S.S.R. Izv. AN SSSR. Ser.
geog. no. 4:14-24 Jl-Ag '61. (MIRA 14:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut.
(Geology, Stratigraphic--Maps)

KORNSEV, N. E.

SHMULEVICH, A. I.,; KORNSEV, N. E.; RAOINSKAYA, B. S.

Chemotherapeutic Lab., State Sci. Control Inst.

"Transferability of piroplasmin by agricultural animals."

SO: Veterinarija 27(3), 1950, p. 17

SHEVCHENKO, V.I.; KORNUTA, P.P.; KIRSANOV, A.V.

Phosphorylation of 1-cyanocarboxylic acids. Zhur. ob. khim. 35
no.9:1598-1602 S '65. (MIRA 18:10)

1. Institut organicheskoy khimii AN UkrSSR.

KORNUTOVA, Ye.I.

Ancient glaciation of the mountains in the southern part of
Transbaikalia. Trudy VSEGEI 64:114-118 '61. (MIRA 15:6)
(Transbaikalia—Glacial epoch)

KORNSZEWSKA, W
KANIAK, Jozef; SIWINSKA, Maria; KRAKOWSKA-RMCHNICOWA, Jadwiga; IWANKIEWICZ,
Stanislaw; KORNISZEWSKI, Waclaw

Daily variations of fibrinolysis. Postepy hig. med. dozaw. 11 no.3:
355-357 1957.

1. Zaklad Patologii Ogolnej i Doswiadczeniowej AM Wrocław, ul Marcinkow-
skiego 1/3 Zaklad Interny Instytutu Doskonalenia i Specjalizacji Kadr
Lekarskich Oddzial we Wrocławiu Glowny Ośrodek Badan Lotniczo-Lekarskich
przy Aeroklubie PRL

(FIBRIN,
fibrinolysis, daily variations (Pol))

KORNYA, IRINA.

137-58-1-1318

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 1, p 176 (USSR)

AUTHOR: Kornya, Irina

TITLE: On Studying the Corrosion Resistance of Spheroidal-graphite Iron
(K voprosu ob izuchenii soprotivleniya korrozii chugunov s
sharovidnym grafitem)

PERIODICAL: Zh. metallurgii, 1956, Vol 1, pp 59-67

ABSTRACT: It is indicated that the corrosion resistance in hydrochloric acid solutions of cast irons containing spheroidal graphite is considerably greater than the corrosion resistance of gray irons of identical chemical composition. In the opinion of the author, this increase in resistance is explained by a reduction in the ratio between the surface cathodes and anodes of spheroidal-graphite cast iron as compared with those of gray iron. Ferritic irons show greater corrosion resistance than pearlitic or pearlitic-ferritic irons. Irons with spheroidal-graphite and low Si (2.8 percent) content have better corrosion resistance than irons with high Si contents (4 percent).

D.T.

Card 1/1 1. Iron--Corrosion resistance--Analysis

1. KORNYAKOV, A. P.
2. USSR (600)
4. Agriculture - Study and Teaching
7. Students of higher education on collective farms. Dost. sel'khoz. no. 5, 1952
9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

KORNYAKOV, A. P.

Irrigation Farming

Obtaining higher potato yields in the Trans-Volga region with irrigation. Sov. agron.
10 no. 7, 1952.

Monthly List of Russian Accessions, Library of Congress, September 1952. UNCLASSIFIED.

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000824720020-6

KORNYAKOV, F., ZAYDENVARG, V.

Bank Employees

Cooperation between bank employees and the institute. Den i kred, 11, No. 4, 1952.

Monthly List of Russian Accessions, Library of Congress July 1952 UNCLASSIFIED

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000824720020-6"

28(5)

AUTHORS: Oziraner, S. N., Gaziyev, G. A.,
Yanovskiy, M. I., Kornyakov, V. S. SOV/32-25-6-40/53

TITLE: Ionization Detector With Prometium-147 for the Gas-chromatography
(Ionizatsionnyy detektor s prometiyem-147 dlya gazovoy khromatografii)

PERIODICAL: Zavodskaya Laboratoriya, 1959, Vol 25, Nr 6, pp 760-761 (USSR)

ABSTRACT: A gas analyzer is described with Pm^{147} as source of the ionizing β -radiation. Pm^{147} is electrolytically applied, in form of a thin oxide layer (surface 2 cm^2) and has a specific activity of 2.5 mG/cm^2 . The differential detector consists of two chambers separated from each other with teflon. The pure carrier gas flows continuously through one chamber, while the other one is connected with the chromatographing column, receiving the components to be analyzed. Measurements are carried out by means of an amplifier EMU-3 and potentiometer EPP-69; instead of the latter it is however also possible to use an automatic potentiometer EPPV-51. The schematical drawing of the construction of one of the ionization chambers is given (Fig 1). The described detector was tested on a chromatographic device of the usual type (Ref 6). The chromatograms obtained were compared with those obtained under the same conditions by the

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Ionization Detector With Prometium-147 for the Gas-chromatography SOV/32-25-6-48/53

thermoelectrometric gas analyzer GEUK-2i. The chromatograms of a mixture of propylene, isobutylene and pentane (Fig 2) show that far more marked and precise diagrams were obtained by the ionization detector. It was found that the ionization detector is practically insensitive with respect to variations in the velocity of flow and temperature (Figs 3,4) and, therefore, well suited for separating substances with a high boiling point as well as for determinations at high temperatures. There are 4 figures and 6 references, 3 of which are Soviet.

ASSOCIATION: Institut fizicheskoy khimii Akademii nauk SSSR (Institute of Physical Chemistry of the Academy of Sciences, USSR)

Card 2/2

GAZIYEV, G.A.; OZIRANER, S.N.; YANOVSKIY, M.I.; KORNYAKOV, V.S.

Effect of some parameters on the functioning of an ionization
detector for Pm¹⁴⁷. Zhur. fiz. khim. 35 no.5:1150-1152 My '61.
(MIRA 16:7)

1. Institut fizicheskoy khimii AN SSSR.
(Promethium---Isotopes) (Ionization)

KORNYAKOV, V.S.

131

PHASE I BOOK EXPLOITATION

SOV/5486

Vsesoyuznoye soveshchaniye po vnedreniyu radioaktivnykh izotopov i yadernykh izlucheniye v narodnoye khozyaystvo SSSR. Riga, 1960.

Radioaktivnyye izotopy i yadernyye izlucheniya v narodnom khozyaystve SSSR; trudy soveshchaniya v 4 tomakh. t. 1: Obshchiye voprosy primeneniya izotopov, pribory s istochnikami radioaktivnykh izlucheniy, radiatsionnaya khimiya, khimicheskaya i nefteperekabatyayushchaya promyslennost' (Radioactive Isotopes and Nuclear Radiations in the National Economy of the USSR; Transactions of the Symposium in 4 Volumes. v. 1: General Problems in the Utilization of Isotopes; Instruments With Sources of Radioactive Radiation; Radiation Chemistry; the Chemical and Petroleum-Refining Industry) Moscow, Gostoptekhizdat, 1961. 340 p. 4,140 copies printed.

Sponsoring Agency: Gosudarstvennyy nauchno-tehnicheskiy komitet Soveta Ministrów SSSR, and Gosudarstvennyy komitet Soveta Ministrów SSSR po ispol'zovaniyu atomnoy energii.

Ed. (Title page): N.A. Petrov, L.I. Petrenko and P.S. Savitskiy; Eds. of this Vol.: L.I. Petrenko, P.S. Savitskiy, V.I. Sinitsev, Ya. M. Kolotyrkin, N.P. Syrikus and R.F. Romm; Executive Eds.: Ye. S. Levina and B. F. Titskaya; Tech. Ed.: E.A. Mikhina.

Card 1/42

Radioactive Isotopes (Cont.)

SOV/5486

PURPOSE: The book is intended for technical personnel concerned with problems of application of radioactive isotopes and nuclear radiation in all branches of the Soviet economy.

COVERAGE: An All-Union Conference on problems in the introduction of radioactive isotopes and nuclear radiation into the national economy of the Soviet Union took place in Riga on 12-16 April 1960. The Conference was sponsored by: the Gosudarstvennyy nauchno-tekhnicheskiy komitet Soveta Ministrów SSSR (State Scientific and Technical Committee of the Council of Ministers, USSR); Glavnoye upravleniye po ispol'zovaniyu atomnoy energii pri Sovete Ministrów SSSR (Main Administration for the Utilization of Atomic Energy of the Council of Ministers, USSR); Academy of Sciences, USSR; Gosplan USSR; Gosudarstvennyy komitet Soveta Ministrów SSSR po avtomatiatsii i mashinostroyeniyu (State Committee of the Council of Ministers, USSR, for Automation and Machine Building) and the Council of Ministers of the Latvian SSR. The transactions of this Conference are published in four volumes. Volume I contains articles on the following subjects: the general problems of the Conference topics; the state and prospects of development of radiation chemistry; and results and prospects of applying radioactive isotopes and nuclear radiation in the petroleum refining and chemical industries. Problems of designing and manufacturing instruments which contain sources of radioactive radiation and are used for checking and automation of technological processes are examined, along with problems of accident prevention in their use. No personalities are mentioned. References accompany some of the articles.

Card-2/12

Card-11/12

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000824720020-6

TETYUTSKIY, I.I., inzh.; KORNYAKOV, V.T., inzh.; MAYDEL', V.G., kand.
tekhn.nauk; KHORRE, V.D., inzh.; PIVASHIN, V.N., inzh.

Prestressed concrete road pavements. Gor.khoz.Mosk. 33 no.4:27-32
Ap '59. (MIRA 12:6)

(Pavements, Concrete)

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000824720020-6"

KORNIKOVA, G.; MOSKOVSKIY, V.

Bank control over losses not related to production. Den.1 kred.
20 no.5:25-30 My '62. (MIRA 15:5)
(Business losses)
(Moscow Province--Machinery industry--Finance)

USS APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824720020

Abstr: Ref Zhur-Biol., No. 5, 1959, 21364.

Author : Turayev, N. S.; Blinovskaya, O. M.; Korniyakova, T.S.
Inst : Sverdlovsk Institute of Agriculture.
Title : The Effect of Feed, Temperature and Calendar Terms
of Feeding upon the Development of the China Oak
Silkworm.

Orig Pub: Tr. Sverdlovskogo in-ta, 1957, 1, 163-167.

Abstract: In the course of 4 years the China oak silkworm
(COS) was raised on the leaves of the Maksimovich
hawthorn taking into consideration temperature
conditions and the duration of day light. It was
established that the hawthorn represents a per-
fectly suitable substitute for the COS since the
duration of the caterpillars' development when
they feed on the hawthorn, as well as the weight

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000824720020-6

KORNYANSKIY, G. P.

42722. KORNYANSKIY, G. P. Klinika I Khirurgicheskoye Lecheniye Opukholey Recessus
Lateralis IV Zheludochka. Trudy In-Ta Neirokhirurgii Im. Burdenko, T. I, 1948, s. 380-93.

SO: Letopis' Zhurnal'nykh Statey, Vol. 7, 1949

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000824720020-6"

1. KORNIAKSKIY, G. P.
2. USSR (600)
4. Cerebellum - Tumors
7. Surgery of cerebellar astrocytomas in children. Vop. neirokhir. 16, No. 6, 1952.

9. Monthly List of Russian Accessions. Library of Congress. March, 1953. Unclassified

KORNYANSKIY, G. P.
ARENDT, A. A., Prof.; KORNYANSKIY, G. P.

Brain - Tumors

Basic problems in clinical management and surgery of brain tumors in children.
Vop. neirokhir. 17, No. 1, 1953.

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KORNYANSKIY, G.P. (Moskva).

Clinical aspects of cerebral arachnoid endothelioma in children. Vop. neirokhir. 17 no. 4-9-13 Jl-Ag '53.
(MLRA 6:8)

I. Institut neyrokhirurgii im. akademika N.N.Burdenko Akademii meditsinskikh
nauk SSSR.
(Brain-Tumors)

KORNYANSKIY, G.P.

Ventriculocisternostomy. Vop.neirokhir. 20 no.5:19-23 8-0 '56.
(MLR 9:11)

1. Iz Nauchno-issledovatel'skogo otdela Trudovogo Krasnogo
Znameni instituta neyrokhirurgii imeni akad. N.N.Burdenko Akademii
meditsinskikh nauk SSSR.
(BRAIN, surgery,
ventriculocisternostomy (Eus))

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000824720020-6

KORNYANSKIY, G.P.

FREYDIN, Khaim Markovich; KORNYANSKIY, G.P., red.; SENCHILO, K.K., tekhn.
red.

[Diseases of the spinal cord and physical methods of treating
them] Porazheniya spinnogo mozga i fizicheskie metody v ikh
lechenii. Moskva, Gos. izd-vo med. lit-ry, 1957. 231 p.
(SPINAL CORD--DISEASES) (MIRA 11:4)

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000824720020-6"

YEGOROV, B.G., prof., zasluzhennyy deyatel' nauki, otv.red.; VOLKOVA-PAVLOVA, red.; SAVITSKAYA, Ye.N., red.; SPIRIN, B.G., red.; UGRYUMOV, V.M., red.; FILIPPYCHEVA, N.A., red.; YABLONOVSKAYA, L.Ya., red.; KORNYANSKIY, G.P., red.; GRAZHDANINOV, N.A., tekhn.red.

[Research of the N.N.Burdenko Institute of Neurosurgery of the Academy of Medical Sciences of the U.S.S.R. from 1954 to 1958] Nauchnye raboty, vyshedshie iz instituta neirokhirurgii imeni akad. N.N. Burdenko AMN SSSR za 5 let, 1954-1958 gg. Pod red. B.G.Egorova. Moskva, 1959. 157 p.

1. Akademiya meditsinskikh nauk SSSR, Moscow. Institut neirokhirurgii.

(NERVOUS SYSTEM--SURGERY)

**SMIRNOV, Leonid Iosifovich; KORNYANSKIY, G.P., red.; GABERLAND, M.I.,
tekhn.red.**

[Histogenesis, histology, and topography of brain tumors]
Gistogenes, gistologiia i topografiia opukholei mozga. Moakva,
Gos.izd-vo med.lit-ry. Pt.2. 1959. 617 p. (MIRA 13:5)
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KORNYANSKIY, G.P., prof.

Dynamics of the restoration of disrupted functions following the removal of ripe intracerebral tumors of the parietal lobe; immediate and late results. Probl.sovr.neirokhir. 3:91-98 '59.
(MIRA 16:6)
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"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000824720020-6

KORNYANSKIY, G.P., prof.; VOLKOVA-PAVLOVA, V.L., kand.med.nauk

Ependymomas of the fourth ventricle growing into the cisterna magna. Probl.sovr.neirokhir. 3:349-354 '59. (MIRA 16:6)
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APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000824720020-6"

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000824720020-6

KORNYANSKIY, G.P.; SHVORNEVA, V.Z.

Tumors of the clivus blumenbachii. Vop. neirokhir 24 no. 2:24-29
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(PITUITARY FOSSA--TUMORS)

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000824720020-6"

YEGOROV, B.G.; KORNYANSKIY, G.P.; NIKITIN, M.A.

Indication and method for total excision of a neurinoma of the
eighth cranial nerve. Vop. neirokhir. 24 no. 3:3-14 My-Je '60.
(MIRA 14:1)
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"APPROVED FOR RELEASE: 06/14/2000

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KORNIANSKIY, G.P.

BLAGOVESHCHENSKAYA, N.S.; KORNIANSKIY, G.P.

Clinical aspects of cystic degenerative neurinomas of the eighth
cranial nerve. Vop. neirokhir. 24 no. 3:48-52 My-Je '60.

(MIRA 14:1)

(ACOUSTIC NERVE--TUMORS)

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000824720020-6"

KORNYANSKIY, G.P., prof.; EPSHTEYN, P.V. (Moskva)

Sources of error in the diagnosis of tumors of the hypophysis.
Vop. neirokhir. 25 no.1:36-40 Ja '61. (MIRA 14:2)

1. Nauchno-issledovatel'skiy ordena Trudovogo Krasnogo Znameni
institut nevrokhirurgii imeni akad. N.N. Burdenko AMN SSSR.
(PITUITARY BODY--TUMORS)

AREN'T, A.A., zasl. deyatel' nauki prof.; ARKHANGEL'SKIY, V.V., kand. med. nauk; BLAGOVESHCHENSKAYA, N.S., doktor med. nauk; GAL'PERIN, M.D., prof.; KANDEL', E.I., kand. med. nauk; KORNYANSKIY, G.P., prof.; KORST, L.O., doktor med. nauk; RAZDOL'SKIY, I.Ya., zasl. deyatel' nauki prof.; EMDIN, P.I., zasl. deyatel' nauki prof. [deceased]; EPSHTEIN, P.V.; DAVIDENKOV, S.N., prof., otv. red.; BOGOLEPOV, N.K., prof., zam. otv. red.; SENCHILO, K.K., tekhn. red.

[Multivolume manual on neurology] Mnogotomnoe rukovodstvo po nevrologii. Moskva, Medgiz. Vol.5. [Tumors of the nervous system] Opukholi nervnoi sistemy. . 1961. 570 p.

(MIRA 16:9)

1. Deystvitel'nyy chlen AMN SSSR (for Davidenkov). 2. Chlen-korrespondent AMN SSSR (for Razdol'skiy).

(NERVOUS SYSTEM—TUMORS)

KORNYANSKIY, G.P., prof.; SVIRIDOVА, A.Ye. (Moskva)

Myoclonus of muscles of the soft palate, pharynx and larynx after surgical excision of tumors of the cerebellum and neurinomas of the acoustic nerve. Vop.neirokhir. no.4:24-29 '61. (MIRA 14:12)

1. Nauchno-issledovatel'skiy ordena Trudovogo Krasnogo Znameni institut neyrokhirurgii imeni akad. N.N. Burdenko AMN SSSR.
(MUSCLES--DISEASES) (CEREBELLUM--TUMORS)
(ACOUSTIC NERVE--TUMORS)

KORNYANSKIY, G.P., prof.; SHAKHNOVICH, A.R., kand.med.nauk (Moskva)

Study of the motor apparatus of the eye in neurosurgical practice.
Vop.neurokhir. 25 no.1:64-70 '62. (MIRA 15:1)

1. Nauchno-issledovatel'skiy ordena Trudovogo Krasnogo Znameni
institut neurokhirurgii imeni akad. N.N. Burdenko AMN SSSR.
(EYE-MUSCLES)

KORNYANSKIY, G.P., prof. (Moskva)

Effect of pregnancy on the course of tumors of the acoustic
nerve and the operability of these patients. Vop.neirokhir.
no.4:48-51 '62.

(MIRA 15:9)

(ACOUSTIC NERVE—TUMORS) (PREGNANCY, COMPLICATIONS OF)

DAVIDENKOVA-KUL'KOVA, Ye.F., prof.; MIKHEYEV, V.V., prof.; MARKOV, D.A., prof., akademik; FANOV, A.G., prof.; SAKHAROV, Yu.N., dotsent; FUTTER, D.S., prof.; KHONDKARIAN, O.A., prof.; SHAMBUROV, D.A., prof.; DAVIDENKOV, S.N., prof., otv. red.; BOGOLEPOV, N.K., prof., zam. otv. red.; OSTROVERKHOV, G.Ye., glav. red.; GRASHCHENKOV, N.I., prof., red.; KORNYANSKIY, G.P., prof., red.; RAZDOL'SKIY, I.Ya., prof., red.; FILIMONOV, I.N., prof., red.; BARAKHINA, I.L., tekhn. red.

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(NERVOUS SYSTEM—DISEASES)

KORNYANSKIY, G.P., prof.; LYASS, F.M.

Using isotopes for the diagnosis of brain tumors. Probl.sovr.
neirokhir. 4:185-193 '62. (MIRA 1612)
(BRAIN-TUMORS) (DIAGNOSIS, RADIOSCOPIC)

YEGOROV, B.G.; KORNYANSKIY, G.P.; KANDEL', E.I.; SALALYKIN, V.I.; FEDOROV, S.N.
(Moskva)

Use of urea in neurosurgical clinical practice. Vop. Neirokhir.
27 m.l:l-7 Ja-F '63. (MIRA 16:5)

1. Nauchno-issledovatel'skiy ordena Trudovogo Krasnogo Znameni
Institut neirokhirurgii imeni N.N.Burdenko, AMN SSSR.
(BRAIN—DISEASES) (EDEMA)

ARENDT, A.A., prof.; ARTARYAN, A.A., kand.med.nauk; BAIROV, G.A., prof.; VOLKOV, M.V., prof.; VARSHAVSKAYA, D.Ya., kand. med. nauk; VOROKHOBOV, L.A.; GENERALOV, A.I., kand. med. nauk; DANIYEL'BEK, K.V., kand. med. nauk; DERZHAVIN, V.M., kand. med. nauk; DOLETSKIY, S.Ya., prof.; YERMOLIN, V.N.; ZATSEPIN, S.T., kand. med. nauk; ZVYAGINTSEV, A.Ye., dots.; ISAKOV, Yu.F., doktor med. nauk; KOZYREV, V.A., kand. med. nauk; KONOVALOV, A.N.; KORNYANSKIY, G.P., prof.; KLIMANSKIY, V.A., kand. med. nauk; KLIMKOVICH, I.G., dots.; KONDRAZHIN, N.I., kand. med. nauk LEVINA, O.Ya., kand. med. nauk; LENYUSHKIN, A.I., kand. med. nauk; LEYBZON, N.D., doktor med. nauk; MALININA, L.I., doktor med. nauk; MARENEVA, T.G., kandidat meditsinskikh nauk; NERSESYANTS, S.I., kand. med. nauk; OVCHINNIKOV, A.A.; OGLEZNEV, K.Ya., kand. med. nauk; ROSTOTSKAYA, V.I., kand. med. nauk; STEPANOV, E.A., kand. med. nauk; EPSHTEYN, P.V.; OSTROVERKHOV, G.Ye., prof., glav. red.; DOMBROVSKAYA, Yu.F., prof., otv. red.

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(MIRA 17:9)

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KORNYANSKIY, G.P.; SHAKHNOVICH, A.R.

Objective examination of the sense organs in patients with
psychic and speech disorders. Zhur. nev. i psikh. 64
no.10:1501-1505 '64. (MIRA 17:11)

1. Institut neyrokhirurgii im. N.N. Burdenko AMN SSSR, Moskva.

Card : 1/1

GOLOVIZNIN, A.M., kand.tekhn.nauk; GOL'DENFON, A.K., kand.tekhn.nauk;
(GRIGOR'YEV, G.T.; KORNYAYEV, Yu.T.; SRABOV, K.Ye.; STRUMPE, P.I.,
kand.tekhn.nauk, otv.red.; DRANITSYN, S.N., kand.tekhn.nauk,red.;
GOROBEETS, V.A., kand.voyen.-morskikh nauk, red.; YEVREINOV, I.V.,
kand.tekhn.nauk; KORCHAGIN, M.I., kand.tekhn.nauk; KURZON, A.G.
doktor tekhn.nauk; MIROSHNICHENKO, I.P., kand.tekhn.nauk;
ROZHDESTVENSKIY, N.A., kand.tekhn.nauk; SYROMYATNIKOV, V.F.,
kand.tekhn.nauk; BAMA, N.G., red.; STUL'CHIKOVA, N., tekhn.red.

[Marine nuclear steam turbine plants.] Sudovye iadernye
proturbinnye ustaniokvi. Leningrad. Izd-vo "Morskoi transport,"
1963. 135 p. Leningrad, TSentral'nyi nauchno-issledovatel'skiy
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Tekhnicheskaya ekspluatatsiya morskogo flota, no. 15/16).
(MIRA 17:2)

1. Sotrudnik TSentral'nogo nauchno-issledovatel'skogo
instituta morskogo flota (for Goloviznin, Gol'denfon,
Grigor'yev, Korniyayev, Srabov).

KORNYAYEVA, N.V.

Case of Pelger's nuclear anomaly. Lab.delo 2 no.1:17-19 Ja-F '56.
(MLRA 9:10)

1. Is Voyenno-morskoy meditsinskoy akademii i Ob'yedinennoy
polikliniki Oktyabr'skoy zheleznoy dorogi.
(LEUCOCYTES)

MAGONY, Jozsef, dr.; ILIEV, Ilia, dr.; KISS, Tamas, dr.;
KORNYEI, Edith, dr.

Change in occupation as a factor producing a scalenus syndrome.
Orv. hetil. 104 no.45:2146-2147 10 N '63.

1. Somogy megyei Tanacs Rendelointezet es Korhaz, Tudosebeszeti
Osztaly es Idegosztaly.
(SCALENUS ANTICUS SYNDROME) (SURGERY, OPERATIVE)
(PATHOLOGY) (OCCUPATIONAL DISEASES)
(PHYSICAL THERAPY)

KORNYEI, Istvan, dr.

Preparation of forage supplements by fermentation in Hungary. Magyar
allatorvosi lap 17:28-30 S '62.

1. Allami Vakcinatermelo Intezet.

KORNYAI, Istvan, dr.; FELKAI, Vilmos, dr.

Changes in the virus of the foot-and mouth disease in the course of
the serial passages. Magy.allatorv lap 17:40-43 S '62.

1. Allami Vakcinatermelo Intezet, Budapest.

KORNYEI, I.

On a problem pertaining to the theory of groups. Mat kut kozl
MTA 7 Ser.A no.1/atl13-115 '62.

1. Lorand Eotvos University, Department of Mathematics,
Budapest.

KÖNYVEL JÓZSEF

11705* New Agents for Promoting High-Speed Settling of
Red Mud in the Aluminum Industry. Új segédanyagok tim-
földgyárt vörösleppel törökítésének gyorsításáról. (Hungarian.)
Tihauer Gedeon, József Környei, and Imre Vétes. Kohászati
Lapok, v. 9, no. 4, Apr. 1950, p. 182-184.
Application of ground wild chestnuts, scrap aluminum, or its
alloys; economic and technical advantages; Graphs. 13 ref.

KORNMEI, J.; VERES, I.; GEDEON, T.

New ingredients for the acceleration of the settling of red mud in aluminum factories.
p. 182. (Kohaszati Lapok. Budapest, Vol. 11, no. 4, Apr. 1956)

SO: Monthly List of East European Accessions (EEAL) LC., Vol. 6, no. 7, July 1957 Uncl.

KORNYEI, J.

Chloration of red mud.

P. 460. (KOHASZATI LAPOK.) (Budapest, Hungary) Vol. 12, No. 10, Oct. 1957

SO: Monthly Index of East European Accession (EEAI) LC. Vol. 7, No. 5, 1958

KÖRNYEI, J.

Distr: 4E2c

Chlorination of red mud (from the manufacture of alumina) László Tercsei and János Környei. Kohászati Lapok 90, 460-5 (1957). Red mud, contg. (after heating at 800-930° for 2½ hrs.) Al₂O₃ 13.30, Fe₂O₃ 66.00, TiO₂ 6.10, Na₂O 8.56, and loss on ignition 1.08%, was chlorinated at 800°. All Fe₂O₃ was transformed into FeCl₃, which was evapd. The residue, although contg. 20% TiO₂, could not be used for the prepn. of pure white TiO₂ as complete elimination of Fe traces could not be achieved. To sep. the ingredients in I it was chlorinated at 900° to transform Al₂O₃ into AlCl₃, TiO₂ into TiCl₄, Fe₂O₃ into FeCl₃, and SiO₂ partly into SiCl₄; the balance of the latter remaining unchanged. By treating the chloride gas mixt. with Al₂O₃, SiCl₄ is pptd., equiv. amounts of AlCl₃ being released into the gas. By treating the gas with TiO₂, AlCl₃ is transformed into TiCl₄ to leave an Al₂O₃ residue. The remaining gas mixt. contg. TiCl₄ and FeCl₃ is treated with Fe₂O₃ to yield TiO₂ (which can be refined into pure white) and FeCl₃. Sepn. is thus completed and the Cl₂ from FeCl₃ is recovered by conventional methods. The chloride mixt. was also sepd. by fractional condensation. Development of the foregoing exptl. procedure into a plant-size operation is described. L. G. Arvey

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CIA-RDP86-00513R000824720020-6

KORNYEI, Jozsef, dr.; TEREVESI, Laszlo, dr. [deceased]; Terebesi,
Laszlo, dr. [deceased]; ARADI, Antal

Chloration of red mud. Koh lap 12 no. 10:460-465 0 '57.

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000824720020-6"

ACCESSION NR: AP4012591

S/0021/64/000/002/0224/0226

AUTHOR: Korneyev, K. A. (Corresponding member); Gny*p, N. P.; Kachan, O. O.;
Chervyatsova, L. I.

TITLE: Photochemical initiation of graft copolymerization of acrylonitrile to
kapron fiber

SOURCE: AN UkrRSR. Dopovidi, no. 2, 1964, 224-226

TOPIC TAGS: kapron, acrylonitrile, nylon, graft copolymer, polyamide fiber
copolymer, polycaprolactam

ABSTRACT: Photochemically initiated graft copolymerization was carried out with acrylonitrile in the vapor phase to avoid formation of the homopolymer. The fiber was irradiated with unfiltered light of a mercury-quartz lamp at a distance of 20 cm for 1 hour at 20°C. It was found that the grafting continued after the irradiation was discontinued. A kinetic equation derived for the graft copolymerization was used to calculate the activation energies of the process and of the growth and breaking of the chains. Orig. art. has 1 formula and 1 figure.

Card 1/2

ACCESSION NR: AP4012591

ASSOCIATION: Instytut khimi polimeriv i monomeriv AN UkrRSR (Institute of the Chemistry of Polymers and Monomers, AN UkrRSR)

SUBMITTED: 21Jun63

DATE ACQ: 03Mar64

ENCL: 00

SUB CODE: CH

NO REF Sov: 002

OTHER: 014

Curd 2/2

L 26037-66 EWT(m)/EWP(j)/EWA(h)/T/EWA(1) IJP(c) RM
ACQ NR: AP5024785

SOURCE CODE: UR/0021/65/000/009/1183/1186

AUTHOR: Kaurkova, H. K.--Kaurkova, G. K.; Kachan, O. O.; Korneyev, K. A.--Korneyev,
K. A. (Corresponding member AN UkrSSR); Chervyatsova, L. I.

ORG: Institute of Macromolecular Chemistry, AN UkrSSR (Instytut khimiyiv sokomole-
kulyarnykh spoluk AN UkrSSR)

TITLE: Radiation-chemical linking of polyolefins in the presence of sulfur
monochloride

SOURCE: AN UkrSSR. Dopovid, no. 9, 1965, 1183-1186

TOPIC TAGS: irradiation, conjugated polyolefin hydrocarbon, sulfur, chemical
identification, synthetic material

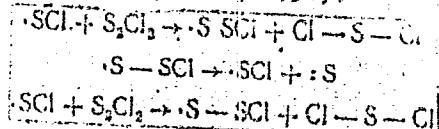
ABSTRACT: A study of radiation-chemical linking was made with samples of non-
stabilized polyethylene/60 μ thick, and with polypropylene fiber, 180 μ in diameter
subjected to treatment by S Cl₂ in the vapor phase under gamma irradiation from
Co⁶⁰ produced by an apparatus providing for radiation doses of ≤ 100 rad/sec.
After reaction, the samples were vacuum-treated in an exsiccator and tested in a

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L 26037-66

ACG NR: AP5024785

dynamometer at various temperatures. Practically complete linking (98-99%) was effected by 5-10% of the S_2Cl_2 during the irradiation of polyethylene with a dose of 0.1 Mrad and of polypropylene with a dose of 1 Mrad. The radiation-chemical yield of the process was 1.25×10^3 for polyethylene. The number of crosslinkings in one polyethylene molecule was determined as 2.5 by recalculating the data of chemical analysis. The linking resulted in an increase of mechanical strength of the polyolefins, which was especially noticeable at elevated temperatures. At 150°C, the tensile strength of modified polyethylene was 83 and polypropylene 210 kg/cm², whereas the initial polypropylene at the same temperature failed at 71 kg/cm², and the initial polyethylene melted at 114°C. The mechanism of linking of polyethylene in the presence of S_2Cl_2 is a complex one. By comparing with the literature (R. G. Sowden, N. Davidson, J. Amer. Chem. Soc., 78, 1291, 1956), it can be assumed that the radical $S-Cl$ was formed under the gamma irradiation and that the linking of polyethylene occurred according to the scheme described by G. A. R. Brandt et al. (J. Amer. Chem. Soc., 2192, 1952):

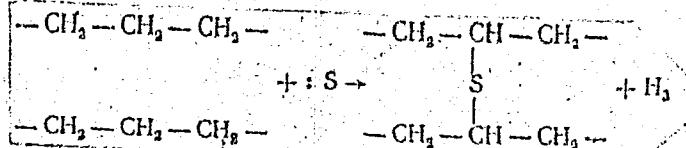


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ACC NR: AP5024785

The study of various possible reactions on the formation of radicals with polyethylene molecules suggests that the most probable one is the following:



Orig. art. has: 2 formulas, 2 tables and 1 fig.

SUB CODE: 07// SUBM DATE: 17Aug64/ ORIG REF: 001/ OTH REF: 009

Card 3/3 *Q.S.*

L 22464-60
ACC NR: AP6011806

SOURCE CODE: UR/2038/66/012/002/0269/0272

AUTHOR: Shkabara, K. O.; Rushkevych, Ye. A.; Kornyeyev, V. V.; Mazurenko, O. Ya.

ORG: Cibernetics Group and Department of Psychiatry and Pathology of Higher Nervous Activity, Institute of Physiology im. O. O. Bogomolets, Academy of Sciences URSR, Kiev (Grupa kibernetky i viddil psykhiatryi ta patologiyi vishchoyi nervovoyi diyal'nosti Instytutu fiziologiyi Akademiyi nauk URSR)

TITLE: Reflexograph for studying human higher nervous activity

SOURCE: Fiziologichnyy zhurnal, v. 12, no. 2, 1966, 269-272

TOPIC TAGS: central nervous system, conditioned reflex, reflexograph, human neurophysiology, higher nervous activity

ABSTRACT: This 85-watt monitoring and recording console reflexograph (weight -- 12.5 kg; dimensions -- 49.5 x 32 x 30 cm) was constructed by the authors to enable the operator to present accurately and measure signals and vocal stimuli, to control intervals between the stimuli, and to measure the latent periods and intensity of vocal and motile reactions by patients. The console consists of power (for a 220-v circuit), tensometric, and time assemblies, and offers three voltages (+250 v, + 100 v, and about 6.3 v). It contains an interval timer, two microphones, tensometers to measure forces (5-5000 g) exerted by subjects pushing electric buttons, amplifiers, transformers, a potentiometer, selenium rectifiers, a filter, and a camera (speeds,

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ACC NR: AP6011806

1 mm/sec., 2.5 mm/sec., 5,10,25, and 100 mm/sec) which shows the intensity and duration of stimuli and reactions. An electric lamp, buzzer, bell, and human voice are used as stimuli, with durations of 2 sec. The duration of intervals can be 1-20 sec. The reflexograph satisfactorily passed laboratory tests in 1965 and was submitted to the Clinic of the Department of Psychiatry and Pathology of Higher Nervous Activity. Orig. art. has: 3 figures.

[BP]

SUB CODE: 06/ SUBM DATE: none/ ATD PRESS: 4235

Card 2/2

KORNYSV, Istvan.

The problem of pain and stomatology. Fogorv. szemle 47 no.9:273-282
Sept 54.

1. A Pecszi Orvostudomanyi Egyetem Ideg - es Elmeklinikajának
közleménye.

(MOUTH, dis.

 pain synd., causes & ther.)

KORNYEI, Istvan

In Memoriam Endre Hogyes. Magy. Tudom. Akad. Biol. Orv.
Oest. Kosl. 6 no.1:123-132 1955.

1. Lev. tag (Előadta a MTA összesülesen, 1948. XIII. 18-án).
(OBITUARIES,
Hogyes, Endre.)

KORHÉY, I.

Dr. Margit Revess, 1885-1956. Ideg. szemle 9 no.3:93 June 56.

(OBITUARIES

Revess, Margit (Hung)

KORNYEY, Istvan

Speech disorders in lesions of corpus callosum and the median part
of the frontal lobe. Magy. Tudom. Akad. Biol. Orv. Oszt. Kozl. 8
no.3:247-255 1957.

1. A Pecsi Orvostudomanyi Egyetem Ideg- és Elmeklinikaja.
(SPEECH DISORDERS, pathol.

ataxic aphasia & echolalia, lesions of corpus callosum
& median part of frontal lobe (Hun)
(BRAIN, pathol.)

in ataxic aphasia & echolalia, lesions of corpus callosum
& median part of frontal lobe (Hun))

KORNÉLY István
~~KORNÉLY, István~~

Transcortical aphasia and speech initiative. Ideg. szemle 10 no.5-6:
180-189 Oct-Dec 57.

1. A Pecsi Orvostudományi Működési Elmeklinikaijanak közleménye.
(APHASIA, physiol.

transcortical motor aphasia, cortical pathomechanism
of inhib. of speech initiative (Hun))
(CEREBRAL CORTEX, in various dis.
same)

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000824720020-6

KORNYEY, Istvan

Kalman Santha, 1903-1956. Orv. hetil. 98 no.7-8:137-139
24 Feb 57.

(OBITUARIES

Santha, Kalman (Hung.)

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000824720020-6"

KORNYNY, Istvan, Dr.

Demyelinizing encephalomyelitis. Orv. hetil. 99 no.6:181-185 9 Feb 58.

1. A Pecs Orvostudomanyi Egyetem Ideg- es Elmeklinikajának kozlemenye,
(ENCEPHALOMYELITIS
demyelinizing (Hun))

KORNYAY, Istvan, Dr.

Neurological diseases caused by disorder of the lumbar intervertebral disk. Orv. hetil. 100 no.17:597-607 26 Apr 59.

1. A Pecsi Orvostudomanyi Egyetem Ideg- és elmeklinikajának kozlemenye.

(INTERVERTEBRAL DISK DISPLACEMENT, compl.
NS dis. (Hun))

(NERVOUS SYSTEM, dis.)

caused by intervertebral disk displacement (Hun))

KORNYEY, Istvan, dr.

Hereditary nervous diseases. Term tud kozl 7 no.9:393-396
S '63.

1. Pecsi Orvostudomanyi Egyetem Ideg- es Elmeklinikaja
igazgatoja, Pecs.

KORNYEY, Istvan, dr.

Cases of encephalitis in Hungary. Orv. hetil. 105 no.25:
1153-1161 21 Je'64

1. Pecsi Orvostudomanyi Egyetem, Ideg- es Elmeklinika.

KORNYEI, Istvan, dr.

Disturbances of consciousness. Orv. hetil. 106 no.14:629-634
4 Ap '65

1. Pecsi Orvostudomanyi Egyetem, Ideg- es Elmeklinika.

KORNYEI, St.

The principle of special neurotropism in virus diseases. Acta
med. hung. Suppl. 6 no.1:119-123 1954.

1. Neurologisch-Psychiatrische Universitätsklinik, Pécs
(VIRUS DISEASES, physiol.
neurotropism)
(NERVOUS SYSTEM, in various dis.
virus dis., neurotropic mechanism)

EXCERPTA MEDICA SEE 8 Vol 12/2 Neurology Feb 59

1000. TRANSCORTICAL APHASIA AND SPEECH INITIATIVE - Transcorticalis aphasia és beszédiniciativa - Környey S. Orvostud. Egyet. Ideg- és Elmeklin., Pécs - IDEGGY.SZ. 1957, 10/5-6 (180-189) Illus. 5
The question whether the syndrome of transcortical aphasia associated with echolalia can be related to circumscribed lesions is discussed on the basis of 5 cases. In one of these, pathologic examination revealed malacia of the area supplied by the left anterior cerebral artery (Dtsch. Z. Nervenheilk. 1950, 175, 87). Another case proved that malacia in the same location can also cause total loss of verbal expression. In 2 cases of transcortical aphasia and echolalia, tumours involving the postero-median part of the left frontal lobe were found. Finally, a case observed only clinically, but for several years, afforded the opportunity to carry out a symptomatic analysis of the syndrome. It is concluded that speech disturbances of this kind are caused by destruction of the postero-median part of the left frontal lobe of the major side. The degree of disturbance, transcortical aphasia or total loss of verbal expression depends on the general condition of the patient. Thus, the postero-median part of the major frontal lobe has an influence on speech initiation, as can be concluded from the reaction obtained by stimulation of Penfield's supplementary motor area (vocalization and speech arrest). The echolalia observed in such cases is due to the loss of an inhibitory mechanism suppressing the primitive acoustico-motor reflex. Thus, echolalia is related to forced grasping and other compulsory phenomena. Analysis of the behaviour of these patients show-

ed an antagonism between intentionality and the liberated mechanisms, the result of which depends mainly on the patient's general condition and his clarity of consciousness. Elicitation of a compulsory phenomenon (e.g. grasp reflex) facilitates echolalia. So-called transcortical motor aphasia can be caused also by loss of stimuli from the sensory fields. Yet in such cases it is not associated with echolalia. Function of the postero-median frontal region is indispensable for normal verbal expression to be evoked by the afferent stimuli from sensory regions and Wernicke's field.

EXCERPTA MEDICA Sec 8 Vol 12/12 Neurology Dec 59

5967. FINDINGS OF ANOXIA IN THE CNS - Anoxiebefunde im Zentrainervenensystem - Környey St. Neurol.-Psychiat. Univ.-Klin., Pécs - WIEN. KLIN. WSCHR. 1956, 70/73
(220-224)

Anoxic-vascular cerebral injuries lead to a discontinuity in the distribution of damage to the frontal medial part of the globus pallidus, the sector of Sommer, the Ammon's horn, the cellular layer of Purkinje in the cerebellar cortex, and the lower olive are primarily affected. The wall of the 3rd ventricle and some other regions always remain unaffected. Through the use of benzidine it appeared that in the selected areas of parenchymal damage an impeded blood flow is morphologically recognizable. Although the anoxia is associated with the entire cerebrum, the impediments to the blood flow represent additional damage to circumscribed regions, by which, through the summation of these 2 noxious factors, profound damage to the parenchyma ensues. In the predilection sites special haemodynamic relationships exist, so that in the case of fluctuations in the pressure in the large branches of the cerebral and the systemic circulation, respiratory functional disturbances or those dependent on the blood flow appear, which can eventually produce a local ischaemia or stasis. The histopathological picture corresponds with a clinical syndrome characterized by disturbances of consciousness, symptoms of cortex irritation and spasticity or extrapyramidal motility disturbances. The aetiology of these disturbances is heterogeneous, e.g. extraneuronal diseases may produce typical anoxic damage to the CNS. In the case of encephalomyelitis and traumas, anoxic damage also accompanies, or covers, the inflammatory or traumatic basic process.

Berthold - Rostock

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CIA-RDP86-00513R000824720020-6

KORNYUKHIN, A.

Tank commander. Voen. sman. 39 no.12:13-14 D '63.
(MIRA 17:1)

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000824720020-6"

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000824720020-6

KORNYUKHIN, A.

On a long journey. Starsh.-serzh. no.3:37 Mr '62. (MIRA 15:4)
(Transportation, Military)

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000824720020-6"

KORNYUKHIN, A.

The sergeant and a book. Starsh.-serzh. no.111 Ja :62.

(Russia--Army--Military life)

(MIRA 15:4)

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000824720020-6

KORNYUKHIN, I.F., inzh.

Power analysis of a rotor with mechanical drive, Trudy TMI no.16:44-
55 '62.
(MIRA 17:2)

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000824720020-6"

KORNYUKHIN, M.A., inzh.

Integrated utilization of water resources in the Rumanian People's Republic. Gidr.stroi. 31 no.8:51-52 Ag '61. (MIRA 14:8)
(Rumania—Water resources development)